

Amendment to Claims

Claims listing:

Claim 1 (Currently amended): A wireless communication method comprising:

providing two wireless-enabled devices that are capable of communicating on a primary wireless network, wherein at least one device is a master device, each said wireless-enabled device ~~including~~ corresponding to a wireless handshake plug, wherein each said plug is capable of receiving and sending data to the other plug through a secondary communication link;

handshaking the two wireless-enabled devices by bringing each device's plug in physical proximity with the other and transmitting handshaking data from the at least one master device plug to the other device plug such that [[a]]the secondary wireless communication link connection is established initiated to configure the communication between the two devices over the primary wireless network;

terminating the secondary communication link once the handshaking data transmission is complete and the devices are communicating via the primary wireless network.

Claim 2 (Currently amended): The method according to claim 1 wherein [[the]] each plug is capable of receiving and sending at least one ~~byte~~^{bit} of handshaking data.

Claim 3 (Original): The method according to claim 1 wherein the transmitted handshaking data consists of a wireless network address.

Claim 4 (Cancelled).

Claim 5 (Cancelled).

Claim 6 (Cancelled).

Claim 7 (Original): The method according to claim 1 wherein the two plugs physically contact each other during handshaking.

Claim 8 (Currently amended) A wireless communication method comprising:

providing two wireless-enabled devices, wherein at least one device is a master device, each said wireless-enabled device including a wireless handshake plug, wherein each said plug is capable of receiving and sending data to the other plug;

handshaking the two wireless-enabled devices by bringing each device's plug in physical proximity with the other and transmitting handshaking data from the at least one master device plug to the other device plug such that a wireless communication connection is established; ~~The method according to claim 1~~ wherein the physical proximity is established

by a user making physical contact with each plug to create a communications link between the two wireless-enabled devices during handshaking.

Claim 9 (Original): The method according to claim 1 wherein each plug includes a magnet and magnetic field detector that is capable of decoding handshaking data and is closely positioned to the other plug during handshaking and wherein one wireless-enabled device detects the magnet of the other device and begins transmitting handshaking data.

Claim 10 (Currently amended): The method according to claim 1 wherein each plug includes a short-range, radio-frequency [[,] transmitter and receiver that is closely positioned to the other plug during handshaking and wherein the handshaking data is transmitted over one of the plug's short-range, radio-frequency transmitters.

Claim 11 (Original): The method according to claim 1 wherein each plug further includes an optical transmitter and an optical receiver, such that each plug is closely positioned to the other plug during handshaking.

Claim 12 (Currently amended): A wireless communication connection method comprising:

providing two wireless-enabled devices communicatingly connected to a primary wireless network, wherein at least one device is a master device, each said wireless-enabled device including a wireless handshake plug, wherein each said plug is capable of receiving and sending data to the other plug through a secondary communication link;

means for handshaking the two wireless-enabled devices such that handshaking data is transmitted from the at least one master device plug to the other device plug and ~~a wireless communication connection is established~~ is initiated through the secondary communication link apart from the primary wireless network in order to configure the communications between the two devices over the primary wireless network and that once the secondary communication link is made and the handshaking data is transmitted, the primary network connection is made between the devices and the secondary communication link between the plugs is terminated.

Claim 13 (Currently amended): A wireless communication system comprising:

a master wireless-enabled device capable of transmitting and receiving data;

a peripheral wireless-enabled device capable of receiving data;

a primary wireless communication network over which the master and peripheral devices transmit and receive data; and

a pair of handshake plugs, one plug corresponding to the master device and the other plug corresponding to the peripheral device; said plugs being capable of transmitting and receiving data through a secondary communication when the handshake plugs are and are capable of being brought into physical proximity to each other to initiate secondary communication link of data between the handshake plugs of the respective master and peripheral devices;

wherein when the secondary communication is established between the handshake plugs in order to configure the connection between the master and peripheral devices over the primary wireless network, the secondary communication link is then terminated.

Claim 14 (Currently amended): A wireless communication system comprising:

two master wireless-enabled devices capable of transmitting and receiving data;

a primary wireless communication network over which the two master devices transmit and receive data; and

a pair of wireless handshake plugs, one plug corresponding each device; said plugs being capable of transmitting and receiving data through a secondary communication link when the handshake plugs are and being brought into close proximity to each other in order to transmit and receive data from one device to the other;

wherein when the secondary communication link is established between the handshake plugs to configure transmission and reception of data between the master devices over the primary wireless network, the secondary communication link is then terminated.

Claim 15 (Currently amended): The system according to claim 13 wherein the plugs can transmit and receive at least one byte of data[[e]].

Claim 16 (Original): The system according to claim 14 wherein the plugs can transmit and receive at least one byte of data.

Claim 17 (Original): The system according to claim 13, wherein each plug is physically connected to its corresponding device.

Claim 18 (Original): The system according to claim 14, wherein each plug is physically connected to its corresponding device.

Claim 19 (Original): The system according to claim 13, wherein at least one plug is physically remote from its corresponding device.

Claim 20 (Original) The system according to claim 14, wherein at least one plug is physically remote from its corresponding device.

Claim 21 (New): The system according to claim 13 wherein each plug includes a magnet and magnetic field detector that is capable of decoding handshaking data and is closely positioned to the other plug during handshaking and wherein one wireless-enabled device detects the magnet of the other device and begins transmitting handshaking data.

Claim 22 (New): The system according to claim 13 wherein each plug includes a short-range, radio-frequency transmitter and receiver that is closely positioned to the other plug during handshaking and wherein the handshaking data is transmitted over one of the plug's short-range, radio-frequency transmitters.

Claim 23 (New): The system according to claim 13 wherein each plug further includes an optical transmitter and an optical receiver, such that each plug is closely positioned to the other plug during handshaking.

Claim 24 (New): The system according to claim 14 wherein each plug includes a magnet and magnetic field detector that is capable of decoding handshaking data and is closely positioned to the other plug during handshaking and wherein one wireless-enabled device detects the magnet of the other device and begins transmitting handshaking data.

Claim 25 (New): The system according to claim 14 wherein each plug includes a short-range, radio-frequency transmitter and receiver that is closely positioned to the other plug during handshaking and wherein the handshaking data is transmitted over one of the plug's short-range, radio-frequency transmitters.

Claim 26 (New): The system according to claim 14 wherein each plug further includes an optical transmitter and an optical receiver, such that each plug is closely positioned to the other plug during handshaking.